

## CA-NV AWWA Water Loss Technical Assistance Program

### Wave 4 Water Audit Level 1 Validation Document

#### Audit Information:

Utility: City of EL Segundo. PWS ID: 1910040  
System Type: Potable Audit Period: Calendar 2018  
Utility Representation: Luci Cummings (Administrative Technical Specialist)  
Validation Date: 6/25/2019 Call Time: 11am Sufficient Supporting Documents Provided: Yes

#### Validation Findings & Confirmation Statement:

##### Key Audit Metrics:

Data Validity Score: 69 Data Validity Band (Level): Band III (51-70)  
ILI: 0.25 Real Loss: 3.59 (gal/conn/day) Apparent Loss: 1.31 (gal/conn/day)  
Non-revenue water as percent of cost of operating system: 0.2%

##### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

#### Validator Information:

Water Audit Validator: Tanmay Thakur and Aretha Samuel Validator Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

**Water Supplier Name:** City of El Segundo.

**Water Supplier ID Number:** 1910040

**Water Audit Period:** Calendar 2018

**Water Audit & Water Loss Improvement Steps:**

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

1. Imported water logged automatically and corrected for any data errors by the exporter.
2. AML pilot implemented at two locations in the district.
3. Limited meter accuracy testing conducted and some replacements done.

**Certification Statement by Utility Executive:**

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Executive Position

Signature

Date

Ken Berkman

Director of Public Works

  
Anthony Esparza

for: 8/25/21  
Water Division Supervisor for Ken Berkman